

## SEQUENCE LISTING

<110> Ajinomoto Co., Inc.

<120> Method for producing L-glutamic acid by fermentation accompanied by precipitation

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<150> JP 11-234806

<151> 1999-08-20

<150> JP 2000-78771

<151> 2000-03-21

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<170> PatentIn Ver. 2.0

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 Arg Asp Glu Val Ile Val Glu Ile Glu Thr Asp Lys Val Val Leu Glu  
 35 40 45  
 Val Pro Ala Ser Ala Asp Gly Val Leu Glu Ala Val Leu Glu Asp Glu  
 50 55 60  
 Gly Ala Thr Val Thr Ser Arg Gln Ile Leu Gly Arg Leu Lys Glu Gly  
 65 70 75 80  
 Asn Ser Ala Gly Lys Glu Ser Ser Ala Lys Ala Glu Ser Asn Asp Thr  
 85 90 95  
 Thr Pro Ala Gln Arg Gln Thr Ala Ser Leu Glu Glu Glu Ser Ser Asp  
 100 105 110  
 Ala Leu Ser Pro Ala Ile Arg Arg Leu Ile Ala Glu His Asn Leu Asp  
 115 120 125  
 Ala Ala Gln Ile Lys Gly Thr Gly Val Gly Gly Arg Leu Thr Arg Glu

130	135	140
Asp Val Glu Lys His	Leu Ala Asn Lys Pro Gln	Ala Glu Lys Ala Ala
145	150	155
Ala Pro Ala Ala Gly	Ala Ala Thr Ala Gln Gln	Pro Val Ala Asn Arg
165	170	175
Ser Glu Lys Arg Val	Pro Met Thr Arg Leu Arg	Lys Arg Val Ala Glu
180	185	190
Arg Leu Leu Glu Ala	Lys Asn Ser Thr Ala Met	Leu Thr Thr Phe Asn
195	200	205
Glu Ile Asn Met Lys	Pro Ile Met Asp Leu Arg	Lys Gln Tyr Gly Asp
210	215	220
Ala Phe Glu Lys Arg	His Gly Val Arg Leu Gly	Phe Met Ser Phe Tyr
225	230	235
Ile Lys Ala Val Val	Glu Ala Leu Lys Arg Tyr	Pro Glu Val Asn Ala
245	250	255
Ser Ile Asp Gly Glu	Asp Val Val Tyr His Asn	Tyr Phe Asp Val Ser
260	265	270
Ile Ala Val Ser Thr	Pro Arg Gly Leu Val Thr	Pro Val Leu Arg Asp
275	280	285
Val Asp Ala Leu Ser	Met Ala Asp Ile Glu Lys	Lys Ile Lys Glu Leu
290	295	300
Ala Val Lys Gly Arg	Asp Gly Lys Leu Thr Val	Asp Asp Leu Thr Gly
305	310	315
Gly Asn Phe Thr Ile	Thr Asn Gly Gly Val Phe	Gly Ser Leu Met Ser
325	330	335
Thr Pro Ile Ile Asn	Pro Pro Gln Ser Ala Ile	Leu Gly Met His Ala
340	345	350
Ile Lys Asp Arg Pro	Met Ala Val Asn Gly Gln	Val Val Ile Leu Pro
355	360	365
Met Met Tyr Leu Ala	Leu Ser Tyr Asp His Arg	Leu Ile Asp Gly Arg
370	375	380
Glu Ser Val Gly Tyr	Leu Val Ala Val Lys Glu	Met Leu Glu Asp Pro
385	390	395
Ala Arg Leu Leu Leu	Asp Val	
405		

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 <211> 40  
 <212> PRT  
 <213> Enterobacter agglomerans

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Met Pro Ala Pro Thr Gly Tyr Ala Cys Thr Thr Pro Arg Glu Ala Glu
20 25 30
Glu Ala Ala Ser Lys Ile Gly Ala
35 40

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 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 6

gtcgacaata gccygaatct gttctggtcg

30

<210> 7

<211> 30

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer

<400> 7

aagcttatcg acgtccct cccacggt

30